

IN THE CLAIMS:

Please amend claims 1 and 3-7 as follows:

Sub B1  
A2  
1. (Once Amended) A delay time adjusting method of adjusting a delay time of an input signal so that a phase of said input signal and a phase of an output signal match each other, based on a comparison between phases of said input signal and said output signal, the method comprising the step of:

delaying said phase of said output signal irrespective of said comparison during an initiation period.

Sub B2  
A3  
3. (Once Amended) A delay time adjusting method of adjusting a delay time of an input first periodic signal so that a phase of said input first periodic signal and a phase of an output second periodic signal match each other based on a comparison between phases of said input first periodic signal and said input second periodic signal, the method comprising the step of:

adjusting said delay time so that, when a phase of a predetermined rising edge of said output second periodic signal is behind a phase of a predetermined rising edge of said input first periodic signal, said predetermined rising edge of said output second periodic signal matches a rising edge of said input first periodic signal, a phase of the rising edge being behind and nearest to said phase of said predetermined rising edge of said output second periodic signal, wherein the adjusting of said delay is irrespective of said comparison during an initiation period.

4. (Once Amended) A delay time adjusting method of adjusting a delay time of an input first periodic signal so that a phase of said input first periodic signal and a phase of an output second periodic signal match each other based on a comparison

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B2  
between phases of said input first periodic signal and said input second periodic signal,  
the method comprising:

a first step of judging whether a phase of a predetermined rising edge of said  
output second periodic signal is behind a phase of a first rising edge of said input first  
periodic signal; and

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A3  
a second step of delaying said phase of said output second periodic signal so  
that, when said phase of said predetermined rising edge is judged to be behind said  
phase of said first rising edge in said first step, said phase of said predetermined rising  
edge and a phase of a second rising edge of said input first periodic signal march each  
other, the second rising edge being one period behind said first rising edge, wherein the  
judging and delaying is irrespective of said comparison during an initiation period.

5. (Once Amended) A delay time adjusting circuit for adjusting a delay time of an  
input signal so that a phase of said input signal and a phase of an output signal match  
each other between phases based on a comparison of said input signal and said output  
signal, the circuit comprising:

detecting means for detecting a phase difference between said phase of said  
input signal and said phase of said output signal; and

delaying means for delaying said phase of said output signal until said phase  
difference becomes N periods, where N is an integer other than zero.

6. (Once Amended) A delay time adjusting circuit for adjusting a delay time of an  
input first periodic signal so that a phase of said input first periodic signal and a phase of  
an output second periodic signal match each other based on a comparison between

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B2

phases of said input first periodic signal and said input second periodic signal, the circuit comprising:

judging means for judging whether a phase of a predetermined rising edge of said output second periodic signal is behind a phase of a predetermined rising edge of said input first periodic signal; and

delaying means for adjusting said delay time so that, when said phase of said predetermined rising edge of said output second periodic signal is judged to be behind said phase of said predetermined rising edge of said input first periodic signal by said judging means, said predetermined rising edge of said output second periodic signal matches a rising edge of said input first periodic signal, a phase of the rising edge being behind and nearest to said phase of said predetermined rising edge of said output second periodic signal, wherein the judging and delaying is irrespective of said comparison during an initiation period.

Cont'd  
A3

7. (Once Amended) A delay time adjusting circuit for adjusting a delay time of an input first periodic signal so that a phase of said input first periodic signal and a phase of an output second periodic signal match each other based on a comparison between phases of said input first periodic signal and said input second periodic signal, the circuit comprising:

delaying means for delaying said input first periodic signal so as to generate said output second periodic signal;

phase-detecting means for detecting whether a phase of a predetermined rising edge of said output second periodic signal is behind a phase of a first rising edge of said input first periodic signal; and